

MSDS Miracle-Gro® Combination Flower Seed, Fertilizer, & Mulch MATERIAL SAFETY
DATA SHEET

General Flower Seed Mix

Date-Issued: 10/20/2000
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Miracle-Gro® Combination Flower Seed, Fertilizer, & Mulch

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Miracle-Gro® Combination Flower Seed, Fertilizer, & Mulch
PRODUCT DESCRIPTION: Miracle-Gro® General Flower Seeding Mix

MANUFACTURER

The Scotts Company
Hyponex - Miracle Gro - Scotts Sierra
14111 Scottslawn Road
Marysville, OH 43041
24 HR. EMERGENCY TELEPHONE NUMBERS
CHEMTREC (U.S.): (800) 424-9300
International: 1-703-527-3887
Emergency Phone: 1-937-644-0011

COMMENTS: Applicable Product Code/Stock Numbers: 1792, 1802, 1807, 1817, and 1822.

2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name CAS# OSHA PEL ACGIH TLV
Ammonium Phosphate 7722-76-1 None None
Urea 57-13-6 None None
Potassium Sulfate 7778-80-5 None None
Nuisance Dust 15 mg/m3 3 mg/m3

COMMENTS:

The ACGIH Threshold Limit Values (TLV) for nuisance (inert) dusts containing < 1% crystalline silica and no asbestos are: 10 mg/m3 inhalable particulates and 3 mg/m3 respirable particulate. The OSHA TLV is 15 mg/m3 total dust, 5 mg/m3 respirable fraction.

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

PHYSICAL APPEARANCE: Fibrous Material

IMMEDIATE CONCERNS: May irritate skin and eyes. If ingested, may cause vomiting, diarrhea, or mucus membrane irritation.

POTENTIAL HEALTH EFFECTS

EYES: May cause eye irritation.

SKIN: May cause skin irritation.

INGESTION: Practically non-toxic. May cause gastrointestinal irritation, nausea, diarrhea, or vomiting.

INHALATION: Prolonged or excessive inhalation may cause respiratory tract irritation.

ROUTES OF ENTRY: Ingestion, inhalation.

COMMENTS: No direct hazardous components are known. This product contains seed, fertilizer, and mulch. The dye present on the paper mulch is Calgozine Green MXL Liquid and Basazol Yellow 48 Liquid. There may be nuisance dust present when this product is opened and spread on the ground.

4. FIRST AID MEASURES

EYES: If in eyes, hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing. Get medical attention if irritation persists.

SKIN: If on skin, take off contaminated clothing, rinse skin immediately with plenty of water for 15-20 minutes. If irritation persists, call a Poison Control Center or doctor for treatment advice.

INGESTION: If swallowed, call a Poison Control Center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to by a poison control center or doctor. Never give anything by mouth to an unconscious or convulsing person.

INHALATION: Move person to fresh air. Call a Poison Control Center or doctor for further treatment advice. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.

5. FIRE FIGHTING MEASURES

FLASHPOINT AND METHOD: Not Applicable

AUTOIGNITION TEMPERATURE: Not Applicable

EXTINGUISHING MEDIA: Water spray and CO2.

HAZARDOUS COMBUSTION PRODUCTS: Thermal decomposition may produce carbon monoxide and carbon dioxide.

FIRE FIGHTING PROCEDURES: No special fire-fighting procedures are required.

AUTOIGNITION TEMPERATURE: Not Applicable

FLASHPOINT: Not Applicable

6. ACCIDENTAL RELEASE MEASURES

GENERAL PROCEDURES: Sweep up spills. Use good housekeeping practices. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling. Completely biodegradable. Place in normal waste disposal.

7. HANDLING AND STORAGE

HANDLING:

See label. Wash hands with soap and water after handling product. Avoid container breakage. Avoid inhalation or contact with skin, eyes, or clothing. Keep out of lakes, streams or ponds, KEEP OUT OF REACH OF CHILDREN.

STORAGE:

See label. KEEP OUT OF REACH OF CHILDREN. Avoid container breakage. Store in cool, dry area in closed container or package. Keep away from food or foodstuffs.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS: Use adequate ventilation to keep the airborne concentrations of this material below the recommended exposure standard.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Protective eye wear is usually not required for normal use.

SKIN: Gardening gloves are suggested.

RESPIRATORY: If airborne dust levels are high, a dust mask is recommended to avoid inhalation.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Fibrous

COLOR: Blue/Green

VAPOR PRESSURE: Not Applicable

VAPOR DENSITY: Not Applicable

BOILING POINT: Not Applicable

MELTING POINT: Not Available

SOLUBILITY IN WATER: Partially soluble

EVAPORATION RATE: Not Applicable

SPECIFIC GRAVITY: <1.0

10. STABILITY AND REACTIVITY

STABLE: YES

HAZARDOUS POLYMERIZATION: NO

CONDITIONS TO AVOID: None known.

STABILITY: Stable

POLYMERIZATION: Will not occur

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal - Oxides of carbon.

INCOMPATIBLE MATERIALS: None Known.

11. TOXICOLOGICAL INFORMATION

CARCINOGENICITY:

IARC: No

NTP: No

OSHA: No

GENERAL COMMENTS: Skin abrasions and sores may be aggravated by this product. Inhalation of dust may aggravate asthma.

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION: Keep out of lakes, streams, or ponds.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dispose in normal waste disposal. Do not reuse container.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: This product is not DOT regulated

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

311/312 HAZARD CATEGORIES:

FIRE: NO PRESSURE GENERATING: NO REACTIVITY: NO ACUTE: YES CHRONIC: NO

16. OTHER INFORMATION

REVISION SUMMARY

New MSDS

NFPA CODES

HEALTH: 1 FIRE: 0 REACTIVITY: 0

HMIS CODES

HEALTH: 1 FIRE: 0 REACTIVITY: 0

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